

DATASHEET · BEHAVIORAL MAZES

Drosophila Maze Array.

SKU ME-8505 Spec v1 Rev. 2026-06-23

DATASHEET · P

ME-

Rev 2026



PRODUCT FAMILY

ANIMAL MODEL

APPLICATION

COUNTRY OF ORIGIN

MFG. STANDARD

LOT TRACEABLE

No

VERIFIED

Spec v1 · 2026-06-23

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

PRODUCT TYPE	variable	WALL_HEIGHT	1/16 inch
TEMPERATURE_MAINTENANCE	25°C	HUMIDITY_LEVEL	70%
AIRFLOW_RATE	2 L/min	STARVATION_PERIOD	16 to 18 hours
SHOCK_DURATION	60 seconds	ACCLIMATION_TIME	90 seconds
ODOR_SOLUTIONS	['4-methylcyclohexane (diluted at 1:67)', '3-octanol (diluted at 1:100) in mineral oil']	ODOR_VOLUME	30µl
MAZE_CONFIGURATIONS	['Y-maze', 'T-maze', '-', '+']	LUMINESCENT_BACKDRILL	included
LIGHTING_CONDITIONS	subdued red lighting	DROSOPHILA MAZE ARRAY	- (25 units), + (25 units), T (25 units), Y (25 units)
BEHAVIORAL CONSTRUCT	spatial learning, memory formation, chemosensory preference, locomotor behavior, decision making, phototaxis, olfactory conditioning	AUTOMATION LEVEL	semi-automated
MATERIAL	non-reflective acrylic, translucent material	POWER/VOLTAGE	60-volt
SPECIES	Drosophila	RESEARCH DOMAIN	Addiction Research, Behavioral Pharmacology, Developmental E Learning & Memory, Neuroscience, Toxicology
COMPATIBLE TRACKING SOFTWARE	ConductVision	DIMENSIONS LxWxH (MM)	43.2 × 38.0 × 27.9
WEIGHT (KG)	21.0	AVAILABILITY	In stock

QTY	ITEM	SKU
INFO@CONDUCTSCIENCE.COM	CONDUCTSCIENCE.COM	ME-8505 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

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MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-06-23 · Since 2026-06-23.

Cite: ConductScience ME-8505, Spec v1, 2026-06-23. conductscience.com/lab/drosophila-maze-array

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